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1975-1976

DEPARTMENT OF

Public Works
75-76
annual report

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DEPARTMENT OF

Public Works 75-76 annual report

CITY of SANTA MARIA

A 0183
1975/1976

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December 30, 1976

Mr. Robert F. Grogan
City Administrator
City of Santa Maria
110 East Cook Street
Santa Maria, CA 93454

Dear Bob:

It is with a great deal of pleasure that this fiscal year report for 1975-76, which is the sixth in a continuing series of this type, is transmitted. Contained in this report for recordation are the significant departmental activities which have occurred during this time period.

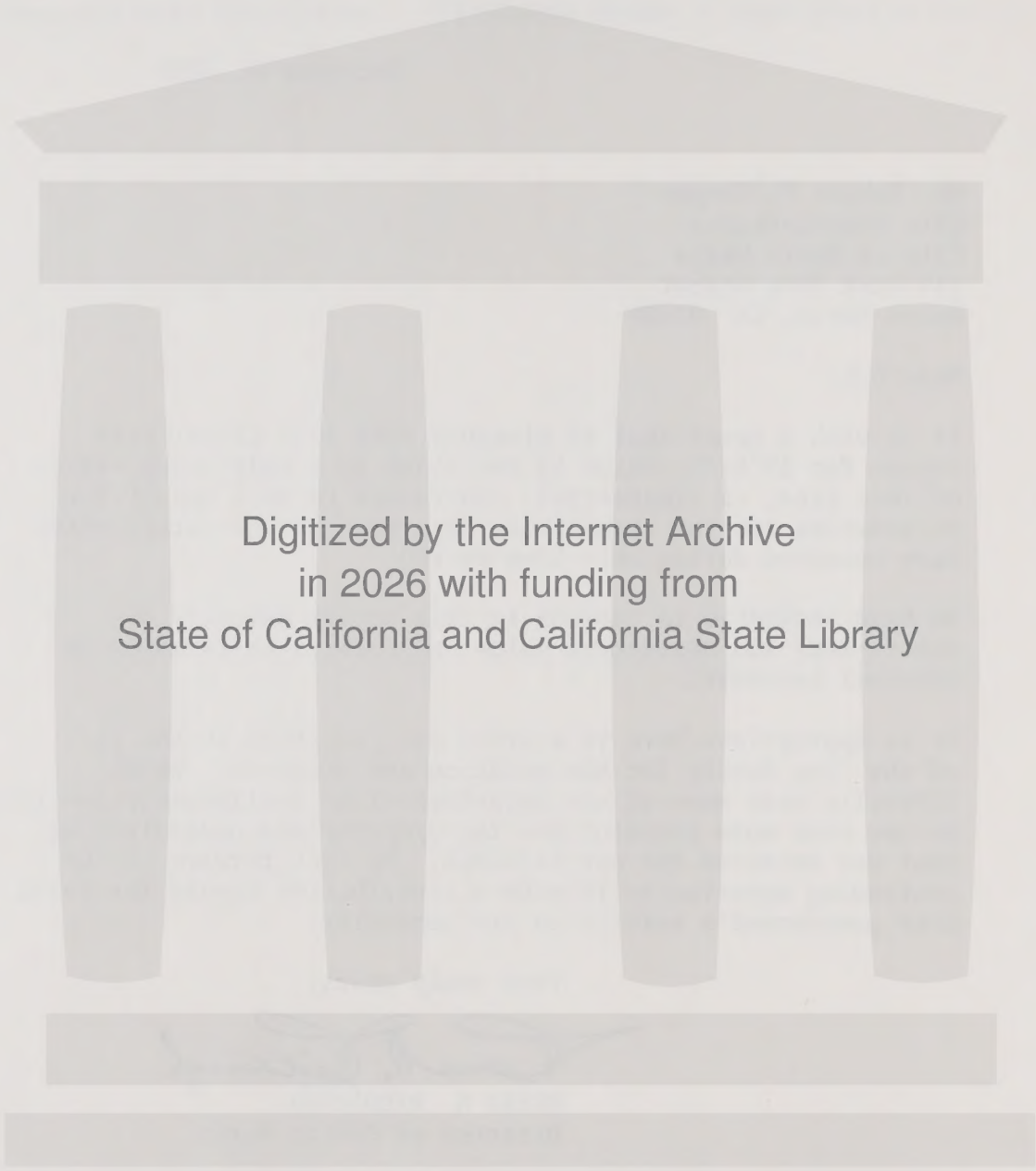
We have attempted to include in this report material of statistical and historical value, as well as information of personal interest.

It is appropriate here to express our gratitude to the rest of the City family for the guidance and assistance which literally made many of our departmental accomplishments possible. We are even more grateful for the sympathy and understanding that was received for our failures. We look forward to the continuing opportunity to make a contribution toward the total City government's service to its community.

Very truly yours,

Reese N. Riddiough

REESE N. RIDDIOUGH
Director of Public Works



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CITY COUNCIL

Elwin E. Mussell	Mayor
George Hobbs, Jr.	Mayor Pro Tempore
Jack Adam	Councilman
Allen Burke	Councilman
Wayne Hesselbarth	Councilman

ELECTED OFFICIALS

Dorothy S. Lyman	City Clerk
William W. Winter	Treasurer

PRINCIPAL ADMINISTRATIVE OFFICERS

Robert F. Grogan	City Administrator
Gordon G. Gill	Deputy City Administrator
George Lambert	Administrative Assistant
Al Autry	Community Development Director
C. W. Crakes	Fire Chief
Robert S. Hossli	Finance Director
Michael A. Maramonte	Recreation & Parks Director
James A. Petrella	Librarian
John A. Van Ryn	City Attorney
Richard J. Long	Police Chief

PUBLIC WORKS DEPARTMENT

Supervisory Staff

Reese N. Riddiough	Director
William S. Litzenberg	Assistant Director - Operations
Lawrence McPherson	Assistant Director - Engineering
Norman Anderson	Building Maintenance Supervisor
William F. Martins	Sanitation Superintendent
Bennett Middleton	Wastewater Plant Superintendent
Harold Rios, Sr.	Mechanical Maintenance Superintendent
Jesse Smith	Water Superintendent
Bill Williams	Street Superintendent

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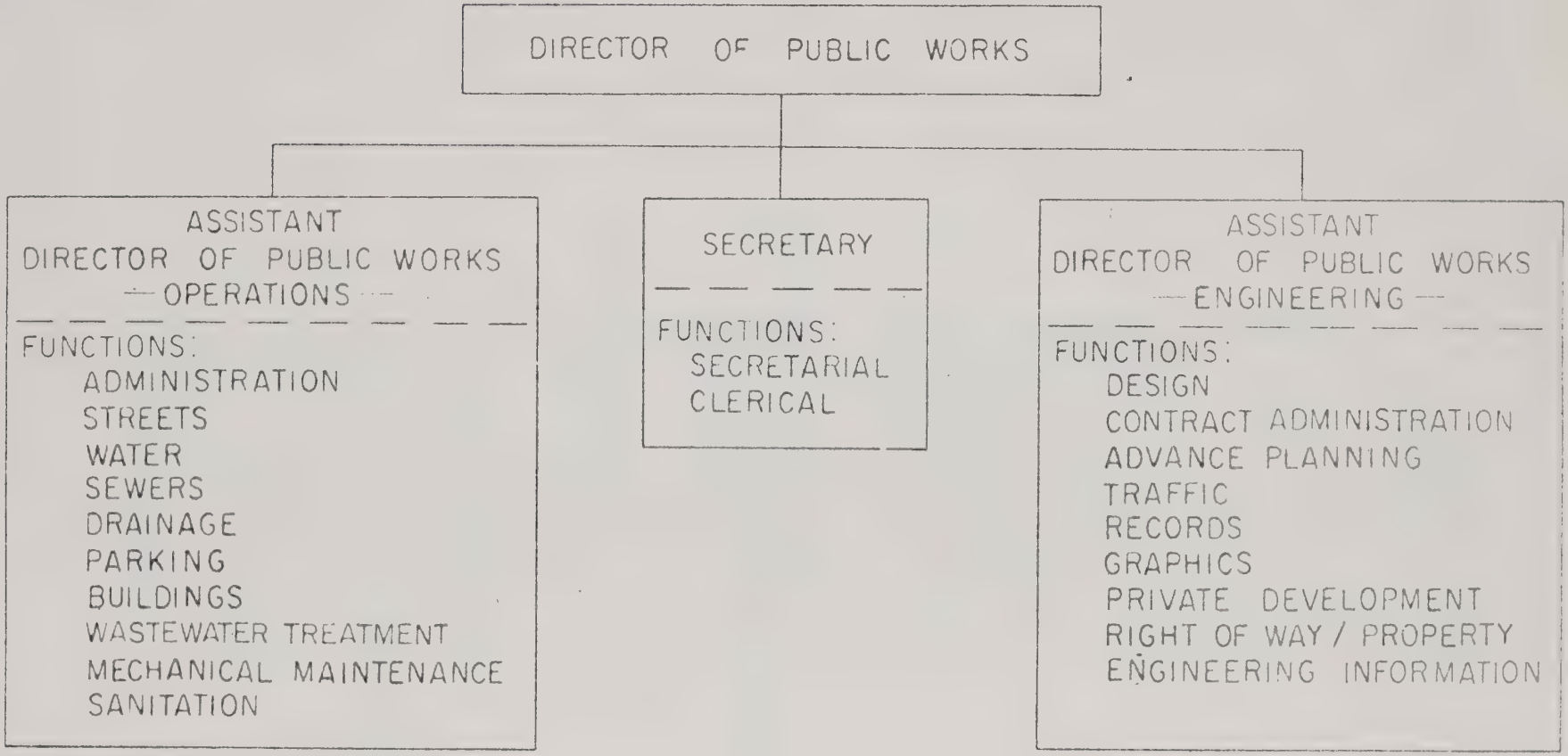
CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION



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DIVISION ACTIVITIES

The thirty-seven (37) functional activities of the department are assigned to one of eight divisions. Highlights of the past year regarding each of these divisions are summarized on the following pages.

Division		Functional Activities
Administration	1.	Directors
	2.	Secretary & Clerical
Building Maintenance	3.	Maintenance & Modification
Engineering	4.	Design
	5.	Contract Administration
	6.	Advance Planning
	7.	Traffic
	8.	Graphics & Records
	9.	Private Development
	10.	R/W Property
	11.	Engineering Information
	12.	Drainage
	13.	EIR Information Reports
Mechanical Maintenance	14.	Operator's Training
	15.	Maintenance & Repair
	16.	Preventive Maintenance Program
	17.	Dispatching
	18.	Parts & Records
Sanitation	19.	Container Collection
	20.	Can Collection
	21.	Disposal Fee Collection
	22.	Landfill Operation
Wastewater Treatment	23.	Wastewater Treatment Plant
	24.	Wastewater Lift Stations
Streets	25.	Asphalt & P.C. Concrete Maint. & Repair
	26.	Traffic Striping & Stencil Painting
	27.	Sweeping
	28.	Signing
	29.	Parking - Streets & Lots
	30.	Street Lights & Electrical
	31.	Grading Alleys & Drainage Ditches
	32.	Weed Abatement
	33.	Maintain Sewer Lines
	34.	Christmas Decorations
	35.	Stowell Parking
Water	36.	Production
	37.	Distribution

ADMINISTRATION MISCELLANEOUS

1. The completion of approximately 85% of the parking facilities for the Town Center shopping area has taken place during the past year. Each completed parking and landscaped area has been passed over to the Public Works Department to administer the activity in connection with the complete maintenance. This includes working out the "bugs" that seem to crop up on all new facilities as they are put into use. Some of the principle activities are - - - - - - budget requests were prepared, maintenance specifications were developed, contract awarded, traffic signing installed, additional traffic marking applied and contract surveillance assigned.

2. Administratively the department processed, through the promotional procedure, a total of eight (8) C.E.T.A. (Comprehensive Employment & Training Act) Personnel as full time employees, in addition to numerous part-time employees, for the various divisions as noted under Personnel Notes.

3. The Public Works Department over the past year issued 88 Street Encroachment Permit Applications for concrete work totaling $1,320.00. This money is held only as a deposit and is returned to the applicant upon satisfactory completion of the work and approval by the City.

4. During Fiscal Year 1975-76 the Public Works Department issued 26 Street Encroachment Permit Applications for excavation work totaling $2,201.25. Approximately $825.75 of this amount has been forfeited

to the City for patching fifteen (15) of these excavations; $1,375.50 has been returned to the applicant for the satisfactory patching of excavations that were completed by the applicant and approved by the City.

ADMINISTRATION DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

DIRECTOR OF PUBLIC WORKS (1)

REESE RIDDIOUGH

ASSISTANT DIRECTOR-
OPERATIONS (1)

BILL LITZENBERG

SECRETARIAL AND CLERICAL SERVICES

SECRETARY (1)

KATHY ALBRIGHT

STENO CLERK II (1)

WENDY HOLLING

PART-TIME CLERK TYPIST II (20Ohrs)

(JUNIOR CLERK) ANNETTE RODRIGUEZ

BUILDING MAINTENANCE DIVISION

The Building Maintenance Division has the responsibility for maintenance and modification of City Hall, Public Works buildings and upon request, to perform similar skills for all other City departments and divisions, which includes carpentry, painting, plumbing maintenance and janitorial maintenance. This also includes direct supervision for contract services such as janitorial, roofing, etc. for City Hall and the Public Works Center; and consultation responsibilities to all other departments and divisions on buildings problems.

The cost for tasks completed this last fiscal year for the material and contract services totaled $28,812.82 of which $5,448.78 was contract services; used 9,951.5 manhours of which 1,614 hours were donated by N. Y. C., Lion's Clubs or borrowed from other divisions.

Highlights of jobs completed last year were as follows:

1) Senior Citizen's shuffle board courts and arbors.

2) Many items for Police station remodeling and modifications not covered under contract.

3) Painting exterior of Mechanical Shop, Warehouse and Multi shop at Public Works Center.

4) Painting interior of Community Development.

5) Renovation of mens' restroom at City Hall

6) Installation of traffic control room at Fire Station #1.

7) Fabrication and installation of tables and arbors with various Lion's Clubs at Preisker Park.

8) Paul Nelson Pool - prefabrication of pontoons for pool.

9) Atkinson Building - move block wall and install access door between restrooms.

10) Wastewater cabinet for lab, work bench and bins for shop.

11) City Hall - painted exterior and trim.

Note: C. E.T.A. program supplied 2,259.5 hours

N.Y.C. program supplied 1,090 hours

Lion's Clubs donated approximately 210 hours

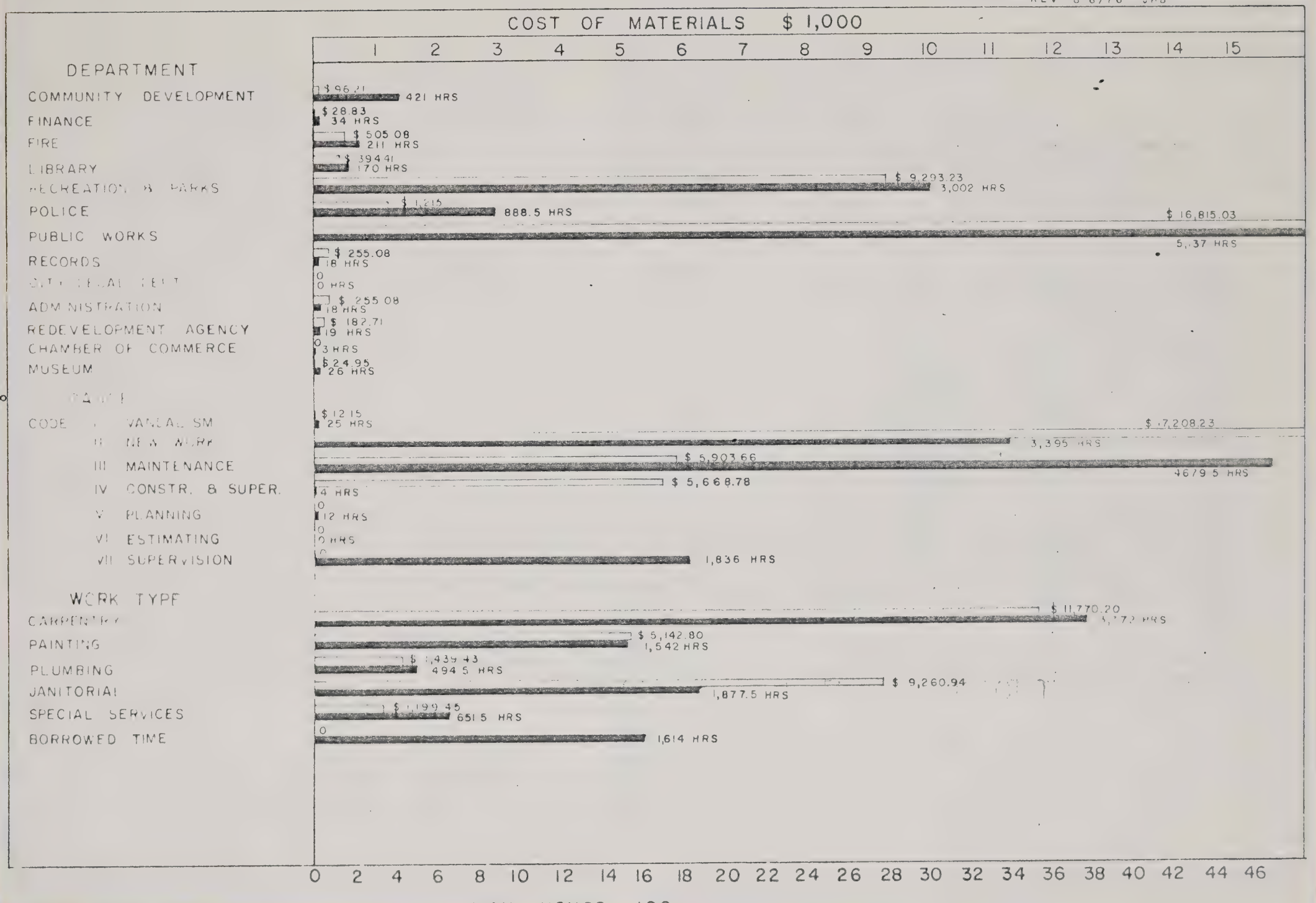
Workaide - 280 hours

Overtime - 223.5 hours

BUILDING MAINTENANCE ACTIVITY REPORT

1975-1976

REV 8 6/76 JHB



BUILDINGS DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

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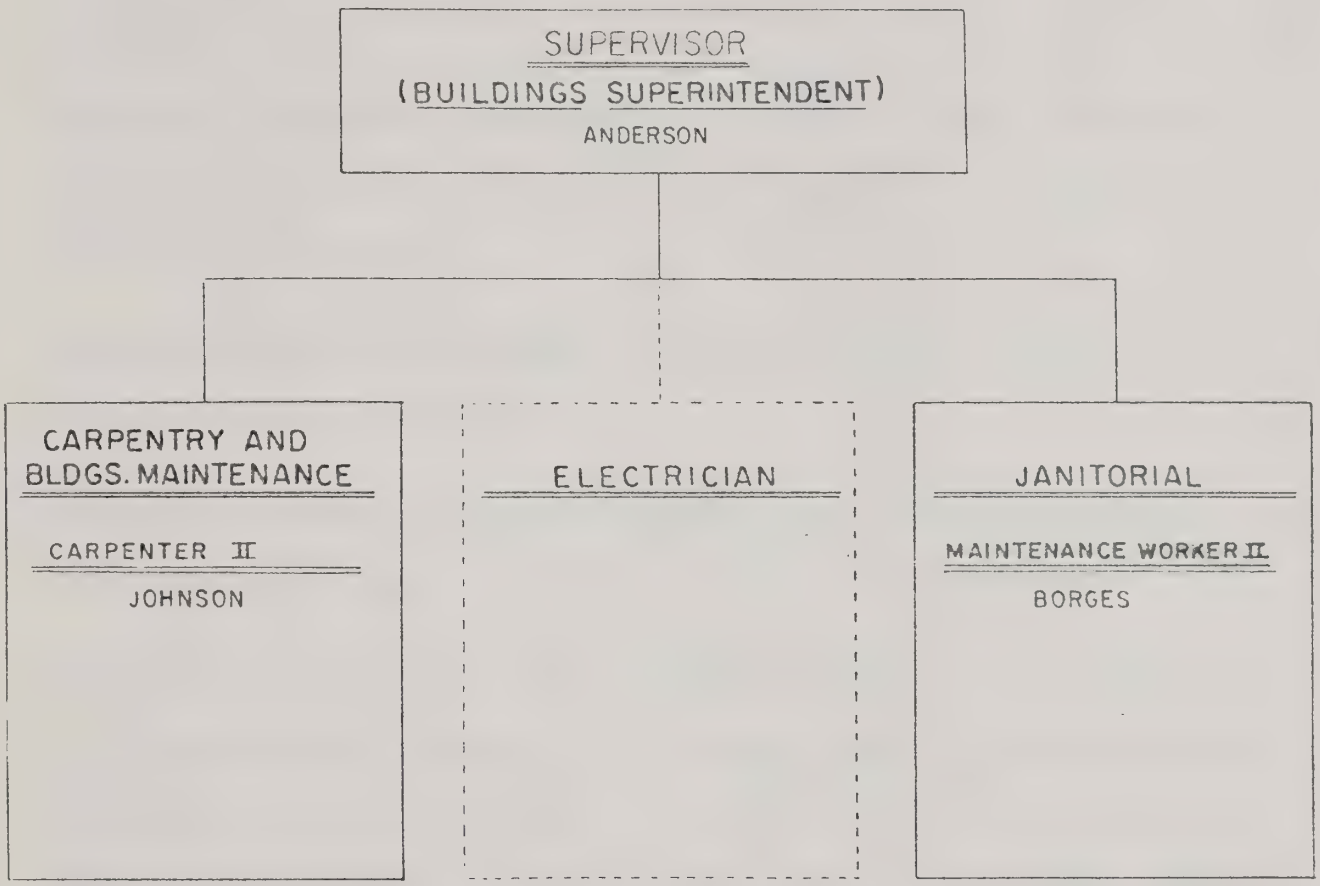

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ENGINEERING DIVISION

The main Engineering Division activity this year centered around the Central City and Central Plaza Redevelopment Projects. The parking structure was under construction during the entire fiscal year while the perimeter streets were completed along with some of the site development work.

Central Plaza Landscaping, Central City Phase "B" & "C" Site Development and several park development projects were started this year and are still under construction.

Adam and Preisker Park development has also contributed significantly to this division's workload.

Private development and subdivision activity continues at a high level during this period despite unfavorable economic conditions.

Our manpower complement has remained stable through the year. Again the increasing workload caused by the numerous projects under construction and private development was handled by increased responsibility imposed on the individual employees of this division along with on-the-job training. The personnel complement for the division is shown on Plate 1.

Plate 2 shows the major activities of the division, plus their respective approximate costs as a percentage of the total division salaries. Total includes regular salaries, overtime and part-time salaries. This total was approximately $164,000 for the fiscal year 1975-76.

Total authorized budget for this division for 1975-76 was $214,350. Total expenditure was $211,033 or approximately 98% of the funds authorized.

Private development and subdivision activity, shown on Plate 2, include the following:

1. Building site reports for the permit applications. 163
2. Subdivision reports for Subdivision Committee meetings. 23
3. Development Coordinating reports for Development Coordinating Committee meetings. 9
4. Environmental Clearance Application reports. 1

Traffic engineering and Traffic Committee activity shown on Plate 2 include the following:

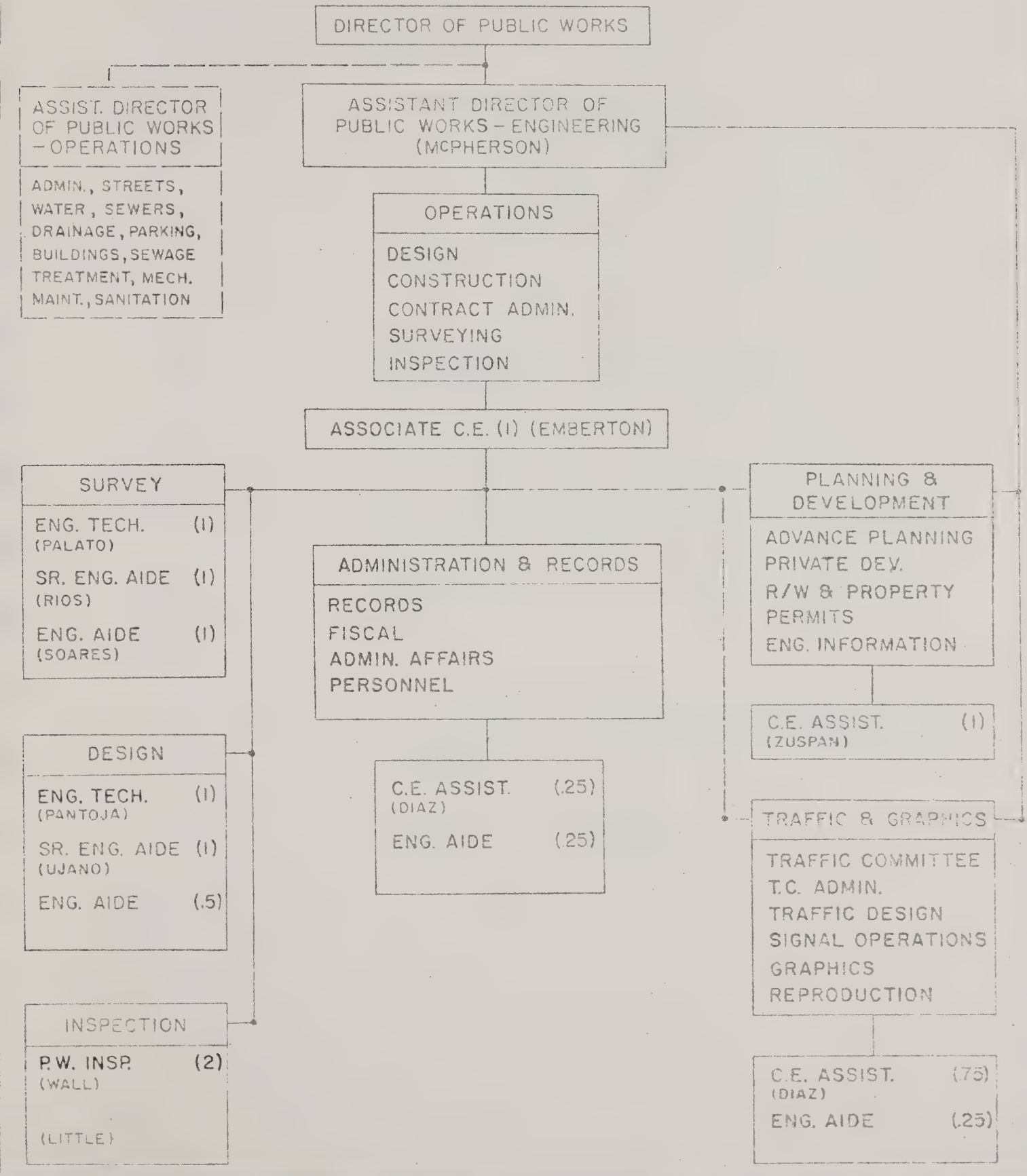
1. Curb zone and parking investigations. 25
2. Speed zone studies. 6
3. School safety. 1
4. Intersection studies. 20
5. Traffic signal studies. 4
6. Miscellaneous traffic controls. 10
7. Traffic studies and reports. 2
8. Annual traffic count summary.
9. Contribution of input on a continuous basis to the Central City Project (Town Center and Central Plaza).

Current engineering projects, shown on Plate 3, including any project that has been in design and/or construction phase during the past year. These projects, prior to construction phase, had a set of drawings and specifications prepared or reviewed by this division.

Tabulated on Plate 3 are engineering projects on which construction was started and/or completed within the fiscal year. Included facts are the final contract cost, start of construction, completion of construction, and the percent of engineering cost for the entire project based on the final contract price.

As recorded by this office, rainfall for the 1974-75 season was 7.28 inches which is below the average of 13.66 inches for the City.

ENGINEERING DIVISION
CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION CHART
(EXISTING 1975-1976)



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ENGINEERING DIVISION

Fiscal Year Salary Expenditure (1975-76)

* (Percent of Total Salaries)

Percent	Activity Classification
19.38	Private Development, Subdivisions, Public Inquiries
13.12	Current Engineering projects; design and construction
14.57	Non productive; (meetings, holidays, vacation, sick leave)
6.35	Information and records
3.29	Advance planning, annexations, engineering studies, underground distribution, microfilming
8.93	Support services; (for City departments and divisions)
8.05	Traffic engineering and Traffic Committee
25.34	Downtown redevelopment project; Central City, Central Plaza (NDP), Mall Buildings, Parking Structure
0.97	Administrative services, gas tax reports, 5870 proceedings
100%	

*Total salaries include regular salaries, overtime and part time. (summer youth employment and CETA programs)

1975-1976 Total $164,122

PLATE 2

ENGINEERING DIVISION

FISCAL YEAR ENGINEERING PROJECTS
(Project Construction Started And/Or Completed; 7-1-75 to 6-30-76)

Bid No.	PROJECT Description	Final Const. Cost	Council Award	Council Accept.	Percent Engr. Cost/Project	Contractor
75/7	Preisker Park Improvements	$ 32,980.00	2- 4-75	10- 7-75	3.24%	Barnes Landscaping Const.
75/11	Paul Nelson Pool Boiler Replacement	16,791.70	4-15-75	10- 7-75	1.44%	Smee's Inc.
75/12	Adam Park Expansion, Phase II, South Half	97,081.33	5- 6-75	10- 7-75	4.52%	A. J. Diani Const. Co.
75/13	Flood Light Renovation-Simas Park	10,319.00	6- 3-75	10- 7-75	0.70%	Santa Maria Electric, Inc.
75/14	Tree Planting - NW Quadrant	3,528.00	5- 6-75	10- 7-75	0.90%	Central Coast Landscaping
75/15	Street Lighting-Adam Park South ½	14,598.00	8- 5-75	2- 3-76	0.61%	Lee Wilson Electric Co.
76/1	Street Maintenance, 1975	145,709.07	8- 5-75	10- 7-75	0.18%	M. J. Hermreck
76/2	Adam Park, Rough Grade North ½	9,240.00	9-16-75	12-16-75	19.7%	C. Sanchez & Son
76/3	Tree Trimming 1975-76	5,265.00	11-4-75	1- 6-76	---	Sunset Construction Co.
76/4	Roof Replacement-Misc. City Bldgs.	10,655.00	11-4-75	12-16-75	0.57%	Lee Roofing Co.
76/7	Chemical Weed Abatement 1975-76	11,746.10	1-6-76	4- 6-76	---	Frank Olocco
76/10	Blosser Road Sewer-Fesler to Alvin	33,323.00	3- 16-76	5-18-76	1.94%	Lee Jamieson
76/11	Reconstruct Manhole Bottoms	9,575.00	4- 6-76	5-18-76	5.84%	Lee Jamieson
Redev. Agency	Central City Peripheral St. Improve.	1,210,588.55	6-16-74	1-14-76	1.14%	A. J. Diani Const. Co.
Redev. Agency	Central City Phase 'A'-Site Improve.	561,998.90	8- 6-74	1-14-76	1.00%	A. J. Diani Const. Co.
Redev. Agency	Central City-On Site Landscaping	72,936.34	9-29-74	8-24-75	0.17%	Heatherwood Landscaping
Redev. Agency	Central City-Site Preparation Contract	97,296.80	9-29-74	9-17-75	0.83%	Madonna Const. Co.
Redev. Agency	Union Plaza Parkway Development	36,589.93	9- 2-75	10- 8-75	2.30%	Heatherwood Landscaping

MECHANICAL MAINTENANCE DIVISION

This division is responsible for the management of the City's entire fleet of vehicles and other equipment. The mobile and stationary fleet has 196 pieces of equipment of various sizes and types. The major portion consists of passenger vehicles and trucks. The remainder may be anything from lawn edgers to Caterpillar D-8 bulldozers.

The maintenance program includes "in-house" major overhauls, tune-ups, general repairs, minor body repairs, painting, tire repairs, lubrication and an effective preventive maintenance program. A critical analysis is performed on each job to assure best over-all economy. This has resulted in operating the division with a minimum dollar budget. This division is unique in that it operates as a "pool" rental system for all the mechanical equipment used by all the departments and divisions and entails the development of the specifications for purchasing of same; keeps detailed records for equipment cost analysis and setting of the rental rates.

During the fiscal year, vehicles traveled 970,424 miles, an increase of 1.8% from last year, using some 169,487 gallons of fuel, an increase of 6.2% from last year. Service fuel delivery tickets used were 13,252.

The division used 2,413 shop work orders. This is an increase of approximately 205 more than was used last year. The increase is due to additional equipment, more operational use and upgrading of record systems.

The division used 179 manhours to assist the other City departments on specialized projects such as fabrication and welding. The cost of personnel, equipment and material for this service is reimbursed through

"Inter-departmental" billing.

The division's total 1975-76 budget was $352,370. The total fiscal operating expenditure was $374,848, resulting in a deficit of $22,478. The deficit was due to higher costs of fuel and outside labor etc., than had been anticipated. The budget balance is sustained through revenue from the Pool Rental Program and other reimbursements, as follows:

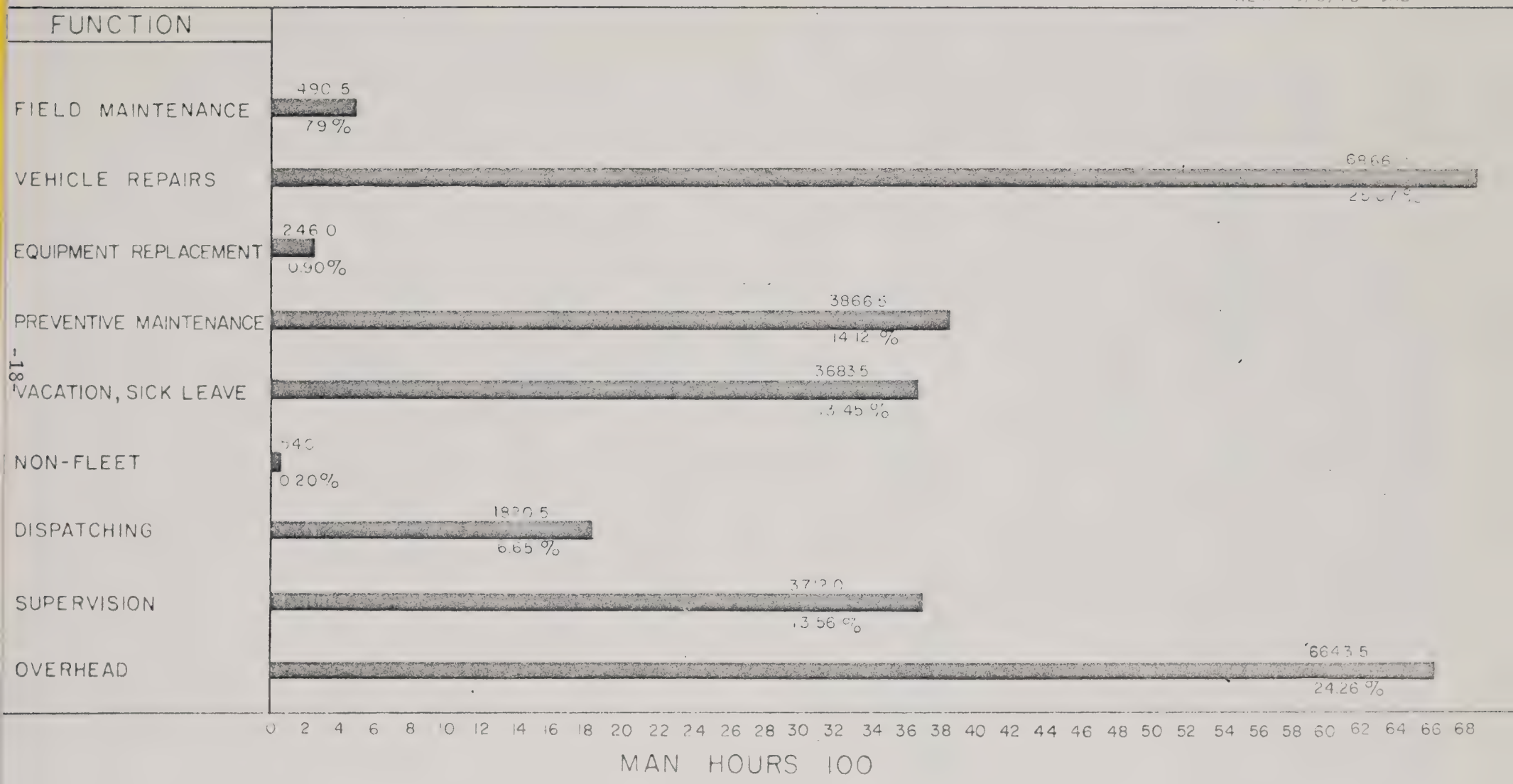
a)	Assigned and unassigned vehicles	$ 552,000
b)	Private party accident insurance	$ 1,601
c)	Sale of surplus vehicles and equipment	$ 12,953
d)	State of California gasoline road tax rebate	$ 1,313
	TOTAL	$ 567,867

The purchase of one street sweeper and a new fire aerial truck were the major expenditures out of the replacement funds this year, along with the normal smaller units, the total net cost of replacement vehicles amounted to $276,965.

A professional study of this division's operation as proposed in past budget requests, continues as a major need in order to maintain the best economic and efficient operation. The rapid growth of additional and more complex equipment, additional responsibilities and services, meeting labor and equipment operational laws, has caused unhealthy work loads. A professional study will evaluate the overloaded areas and develop a plan to improve the total operation thus keep the ever increasing costs down.

MECHANICAL MAINTENANCE
MAN HOUR CHART 1975-76

REV. 8/9/76 JHB



TOTAL MAN HOURS:
27382.5

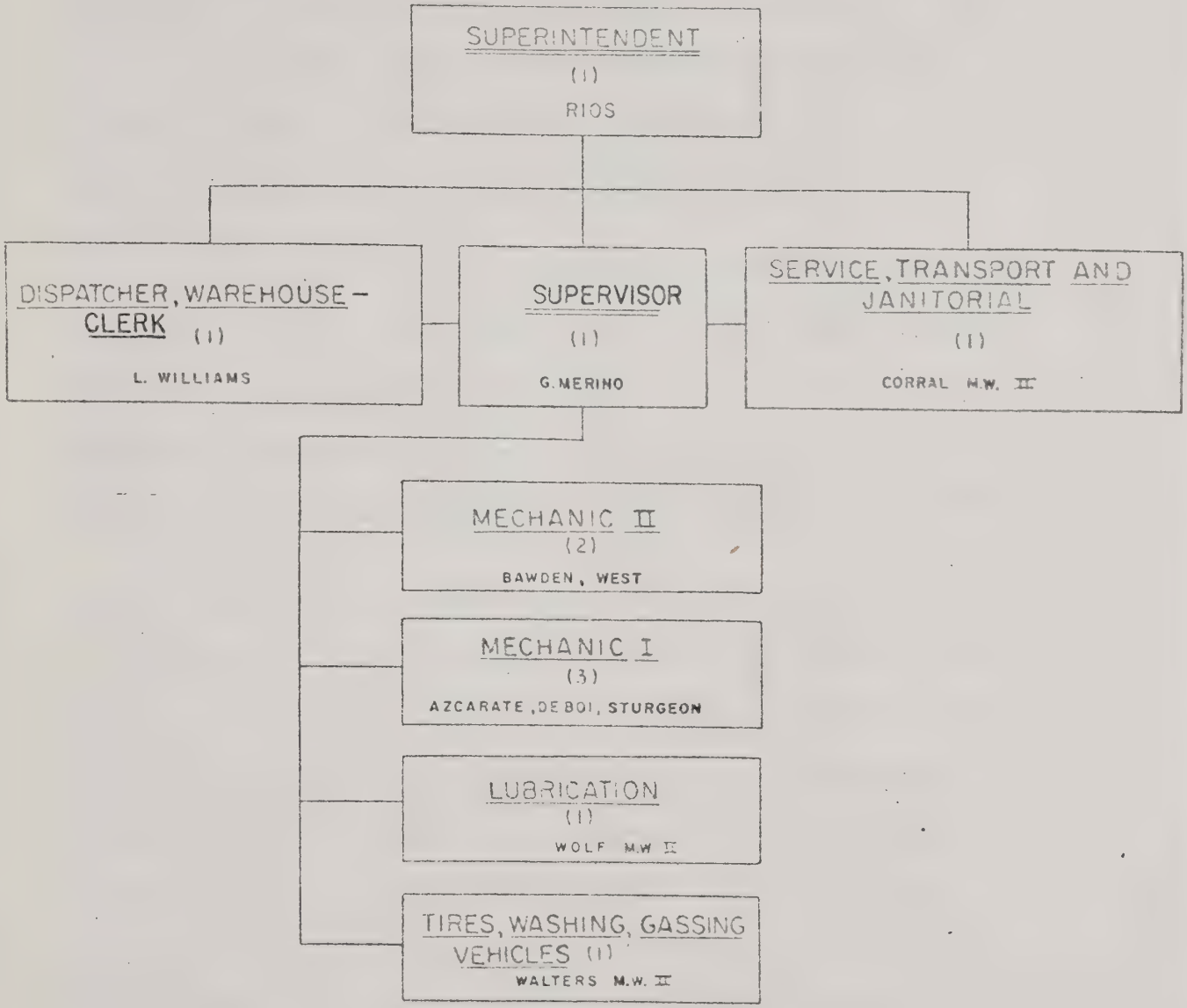
MECHANICAL MAINTENANCE DIVISION

CITY OF SANTA MARIA

DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

(EXISTING)



SANITATION DIVISION

Collection:

The collection section of the Sanitation Division is responsible for the collection of mixed refuse from approximately 9,747 residential and commercial accounts using City personnel and equipment. This represents an increase of 3.68% in accounts serviced over last year. Residential refuse is collected twice each week and the commercial accounts are serviced from one to seven times each week.

The collections are made by six residential rear loading crews, and the commercial accounts are picked up by two front loader drivers. Residents are still bundling and putting out for collection, old newspapaers. As of June 30, 1976, 150.71 tons have been collected by City crews since the program was initiated on February 1, 1974.

Shown in Figure "I" is a comparison of the number of miles traveled by all Sanitation Division trucks for each of the last nine years. The drop off in miles traveled in 1974 can be attributed to the energy shortage. The increase in 1975 is caused by new construction and when the new scales were available early in 1975 the Highway Patrol pointed out, in the form of a warning, that some of our trucks were overloaded; as a result more trips were made to the Landfill with lighter loads. The purchase of three larger rear loaders, with 3 axles each, early in 1976, should allow the milage traveled to stay about the same even with all the new construction.

NUMBER OF MILES TRAVELED

	Rear Loaders	Front Loaders	Total
June 1968	3,639	1,845	5,484
1969	3,482	1,903	5,385
1970	3,622	2,140	5,762
1971	3,771	2,331	6,102
1972	3,814	2,294	6,108
1973	3,718	2,390	6,108
1974	3,329	2,237	5,566
1975	3,566	2,415	5,981
1976	3,324	2,710	6,034

Figure "II" below shows the number of man hours worked by the three sections of the Sanitation Division in Fiscal Year 1971-72 to 1975-76.

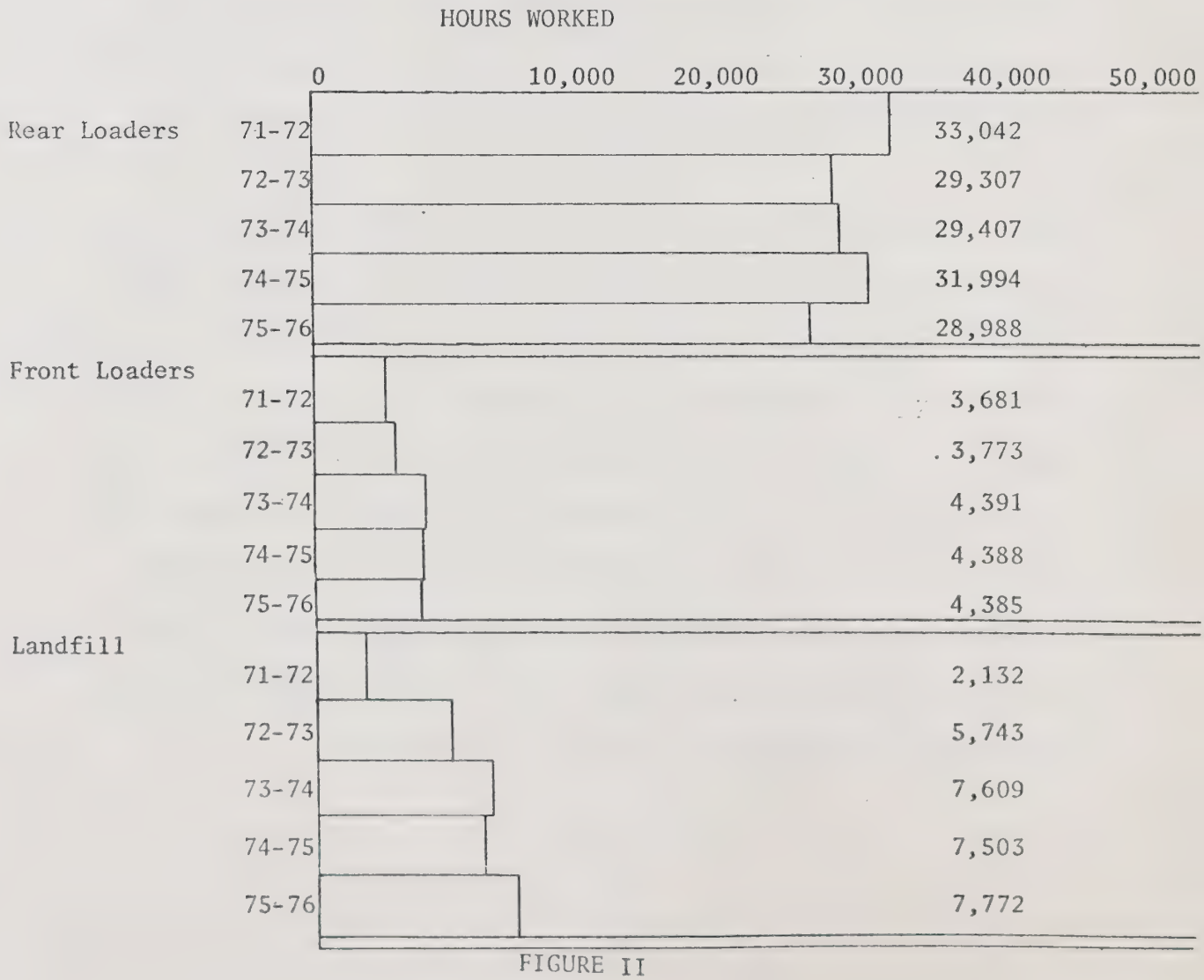


FIGURE II

Figure "III" and "IV" are the tabulations showing the number of accounts for the rear loaders and front loaders over the past nine years. The significant point to be noted is that during these years the Rear Loader accounts, mainly residential, have increased 5.05% while the Front Loader accounts, mainly commercial and apartment complexes, have increased 145.40%.

NUMBER OF REAR LOADER ACCOUNTS

June 30, 1968	8,872
1969	8,844
1970	8,816
1971	8,818
1972	8,795
1973	8,843
1974	8,928
1975	9,025
1976	9,320

FIGURE III

NUMBER OF FRONT LOADER ACCOUNTS

June 30, 1968	174
1969	217
1970	241
1971	264
1972	303
1973	329
1974	358
1975	376
1976	427

FIGURE IV

Figure "V" shows the total cubic yards hauled by front loaders over a past 9 year period. The increases and decreases noted below are due in part to the fluctuations in the cardboard market. Early in 1975 the market dropped thereby increasing the amount of cardboard picked up by the front loaders. Early in 1976 the price of cardboard and newspapers rose, therefore, the front loaders have picked up less even with new construction.

NUMBER OF CUBIC YARDS HAULED BY FRONT LOADERS

June 1968	8,948
1969	9,507
1970	13,142
1971	12,073
1972	12,900
1973	13,261
1974	13,106
1975	14,536
1976	14,501

FIGURE V

Capital improvements added this year consist of 82 new refuse bins purchased for new accounts.

Disposal:

The disposal section of the Sanitation Division is responsible for operation of the recently expanded City Landfill along the north side of East Main Street. This involves the spreading, compacting and covering of all refuse produced in the City, as well as all produced by residents adjacent to the City in San Luis Obispo and Santa Barbara Counties. Constructing and maintaining the access

road; erecting fences for the control of blowing paper, are both part of the activities.

On July 1, 1975 the rate for dumping was raised 5% and the price charged was changed from a load basis to a tonnage basis.

The capital improvements completed in 1975-76 were a 500 foot extension of the chain link fence at the entrance; purchase of a floor safe, table and a chair for the collector's building.

Figure "VI" shows the acreage used thru the fiscal years from 1963-64 to 1975-76. The variation from a normal increase each year starting in 1968-69 to present, is caused by the different types of land being used (Reuse of the old dump versus clean land). The reduction in land used in the past two years was caused by raising the height of the finished fill higher than in previous years, in addition to the clean land now being used. Approximately 203.83 acres of clean land is remaining for the existing landfill operation as of June 30, 1976.

ACRES USED PER YEAR	
1963-64	3.23
1964-65	3.55
1965-66	3.76
1966-67	4.10
1967-68	5.53
1968-69	7.45
1969-70	5.00
1970-71	6.81
1971-72	8.20
1972-73	5.83
1973-74	6.70
1974-75	6.05
1975-76	4.96

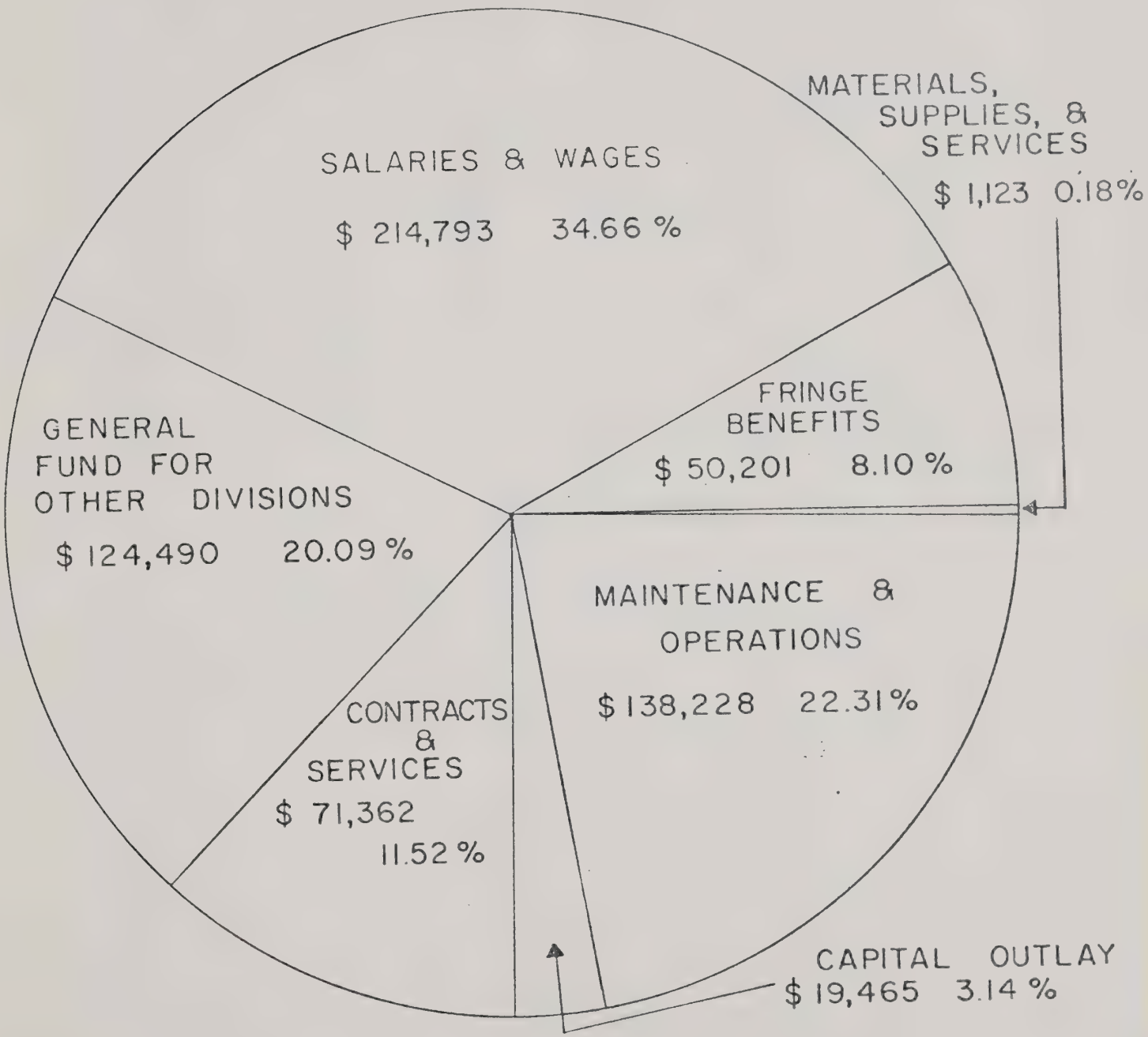
FIGURE VI

SANITATION DIVISION
COLLECTION

FUND DISTRIBUTION

1975-1976

INCOME $ 532,860



EXPENSE $ 619,662

DEFICIT $ 41,291

REV 9 '76 JHH

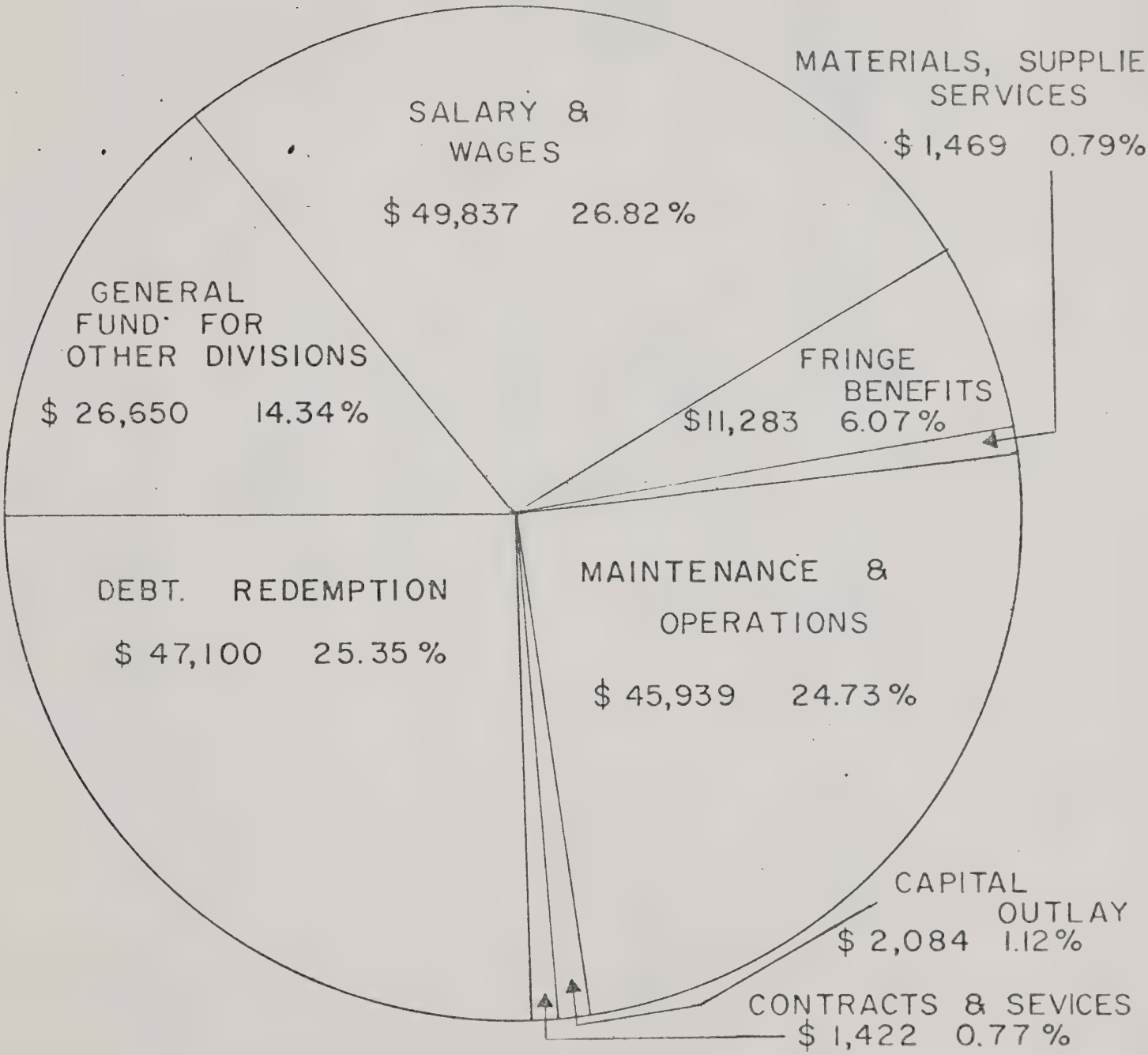
SANITATION DIVISION

DISPOSAL

FUND DISTRIBUTION FOR

1975 – 1976

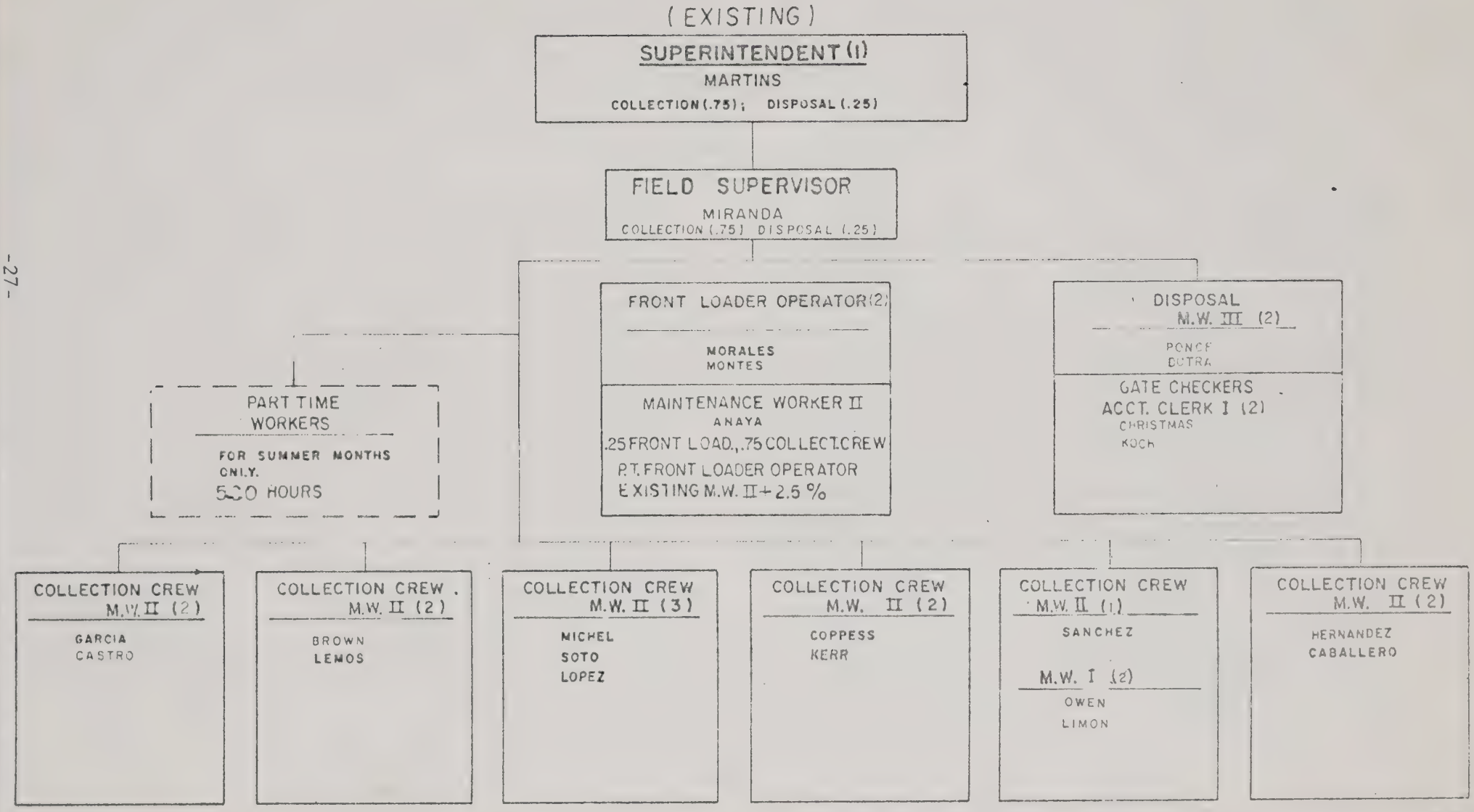
INCOME $212,051



EXPENSE $ 185,784

RESERVE $ 26,267

SANITATION DIVISION
CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION CHART



REV. 8/23/76. IHR A-240

STREET DIVISION

The Street Division has as its primary responsibility, the maintenance of all the street surfacing within the City; however, equally as important is the maintenance in the form of traffic signing, street lighting and electrical, street sweeping, concrete repair, sewer collection system, Stowell Center Parking District, Parking District No. 1, Town Center Parking and weed abatement.

The responsibilities are carried out by a Superintendent, Street Supervisor, Electrical Supervisor and 15 maintenance workers. Their goals are to follow a preventative maintenance program first and second make the emergency repairs as needed between times. The planning and scheduling for these programs is a constant effort.

Street Surface Maintenance

Part of the maintenance program during fiscal year 75-76, required the placement of 1372 tons of SC-800 or 85/100 asphaltic concrete on a portion of the 113 miles of City streets, except for the approximately 6.6 miles classified as State Routes. This activity consisted of repairing chuck holes created by deterioration of old asphalt, renovation of selected streets in preparation for overlay and seal coating performed under contract. The contract cost of the overlay and seal coat on the City streets was $145,709.07.

Traffic Signing

The street striping and sign maintenance crew used 1,368 gallons of paint and approximately 1,200 lbs. of reflectance beads. The crew installed 273 regulatory signs, 111 guide signs, and 140 warning signs. In addition to the preceding, this crew has repaired and constructed 302 warning barricades and dead end street barricades.

Street Lighting and Electrical

Street lighting and electrical maintenance is a major responsibility of this division and involves maintenance on 2,161 street lights with standards and the lighting within the new Santa Maria Town Center, the performance of necessary electrical work for all City departments to answer their needs. This may include but is not limited to electrical motors, pumps, the installation of electrical service required for new machines and other changes in electrical circuits.

Street Sweeping

Three sweepers were operational 650 sweeper days out of 750 sweeper days, or 86.6% of the time, this was 59 days more than 74-75; this required the use of the three sweepers for the full year. A total of 100 lost sweeper days were due to service, repairs, operators sickness, inclement weather, compensatory time off and holidays. The three sweepers swept a year's total of 17,290 miles or 26.7 m.p.d. which includes travel time to and from the yard and landfill, out of this, sweeping time of gutters (curb miles) amounted to 9,750 curb miles or 15.00 m.p.d. wearing out 8 pick up brooms and 41 gutter brooms.

Concrete Repair

The Street Division's concrete repair program uses a three man crew to repair damaged concrete improvements. The repairs consisted of removal and replacements totaling 8,924 sq. ft. of sidewalk, 821 lin. ft. of curb, 3,545 sq. ft. of gutter and various driveway aprons; damage caused by private property tree roots and other types of deterioration at 24 locations, will have the costs borne by adjacent property owners all for a total amount of 183 work orders completed.

Sewer Collection System

Emergency sewer stoppages were given top priority and every effort was made to respond as quickly as possible. The high water velocity sewer pipe cleaner continues to be a very effective tool in clearing sewer stoppages and performing sewer preventative maintenance. Additional use is scheduled periodically in the form of preventative maintenance on various culverts in our drainage system.

Stowell Center Parking District

The Stowell Shopping Center Parking Area, including the landscaping, maintenance is accomplished by a private contractor. The specifications are initiated and a contract is administered by this division to assure that everything is maintained in a satisfactory manner. This includes a periodic inspection of the center and notification to the contractor of any deficiencies. The existing parking lot lights, as had been requested by the Stowell Center Association, were upgraded to more intense and efficient units during the year.

Parking District No. 1

Two parking lots remain in the district that receive general surface maintenance and are swept weekly or as needed. There are 93 parking spaces with meters that are maintained (Note: The meters were removed prior to the publication of this report).

Santa Maria Town Center Parking & Appurtenances

During fiscal year 1975-76 the Street Division worked with Purchasing for the awarding of a maintenance contract on the landscaping and sweeping of Santa Maria Town Center parking facilities. The responsibility for the administration of the contract will be a continuing Street Division procedure. The parking facilities are in the areas adjacent to the Town Center buildings and the parking structure is included. The other types

of maintenance that were not included in the contract, such as - pavement care, striping, signing, lighting, structure repairs, trees and plant replacements - will be maintained with City forces.

Weed Abatement

The Weed Abatement Program now takes most of seven months to complete. The program starts at mid fiscal year with lot inspection, posting, and chemical weed control application to lots. The final stages of the Weed Abatement Program is completed during the last portion of the fiscal year and runs into the following fiscal year; the final stages require hand work and machine cleaning of lots. The entire Weed Abatement Program during the fiscal year came to a total cost of $13,588.47. Each individual lot weed abatement and cleaning cost is forwarded to the City Clerk for eventual assessment against the property.

STREET DIVISION MANHOURS

July 1, 1975 to June 30, 1976

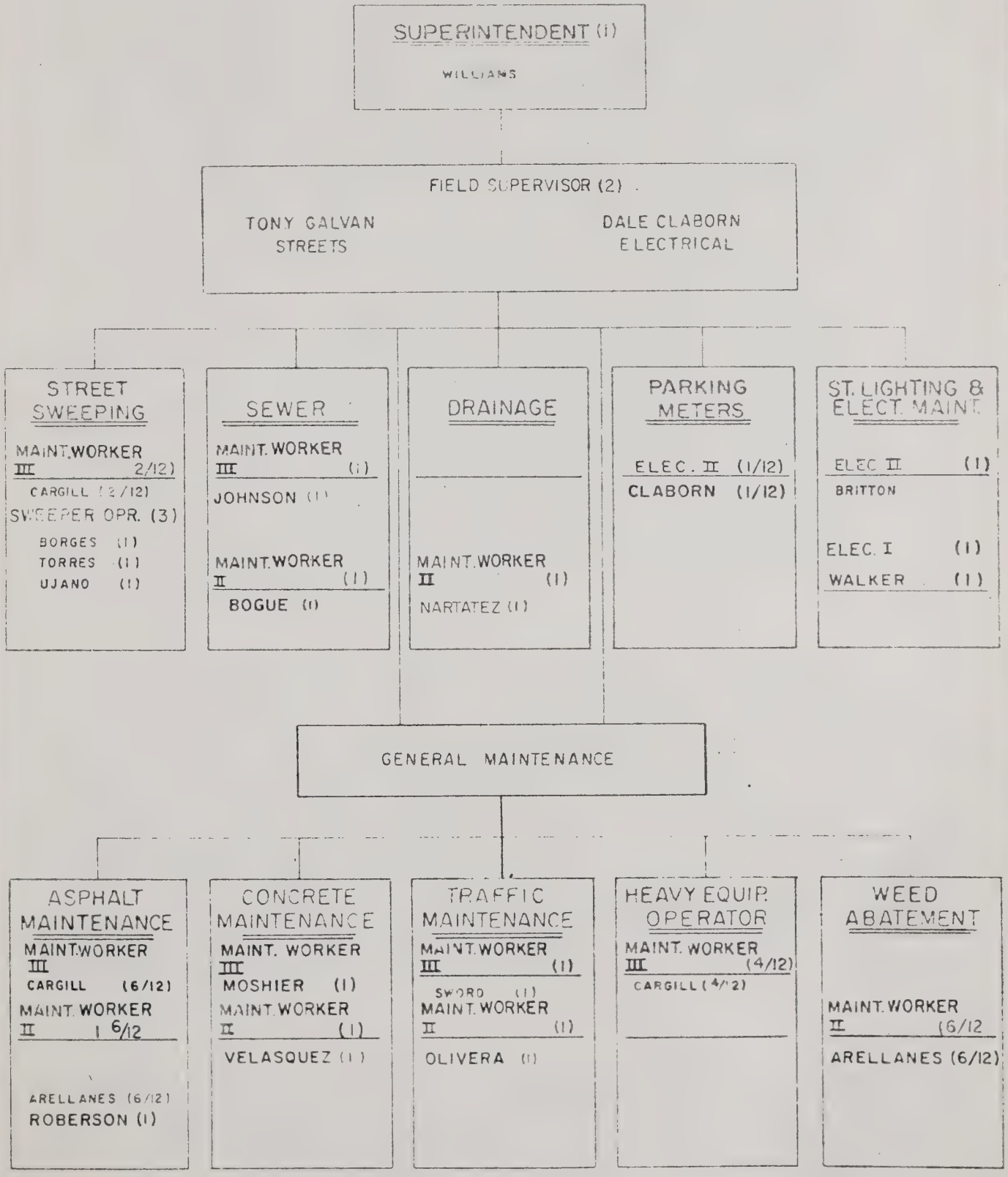
* = Electrical

TYPE OF MAINTENANCE	HOURS	MAN HOURS UTILIZED PER OPERATION (Thousand Hours) 1 2 3 4 5 6 7	% of Total
Street Paving	7,279.50		14.71
Painting	1,988.00		4.02
Sweeping	5,442.50		11.00
F.E.L. Truck	482.00		.97
* St. Lights	3,282.00		6.63
Alleys	431.00		.87
Sanitation			
* Airport			
Redevelopment Agency	299.00		.60
Drainage	1,992.00		4.03
Concrete	7,312.75		14.78
Signs & Barricades	1,750.00		3.54
* Parking Meters	170.00		.35
Sewers	1,690.50		3.42
* Streets	264.00		.53
City Hall	252.00		.51
* Public Works	124.00		.25
* Rec. & Parks	1,572.50		3.18
* Fire Dept.	285.50		.58
* Police Dept.	327.00		.66
* Mech. Div.	169.00		.34
* Com. Dev.	133.00		.27
* Water Div.	62.00		.13
* Wastewater Div.	839.00		1.70
* Library	179.00		.36
* Bldg. Maint.	190.00		.39
Other Div. Asst.	347.00		.70
Disability	160.00		.32
Weed Abatement	1,651.50		3.34
Warehouse			
Part Time/NYC	1,422.00		2.87
* Xmas Decorations	186.00		.38
Military Leave	64.00		.13
* Elect. Motor Maint.	125.00		.25
Overtime			
Overlays/Seal Coats	738.50		1.49
Absent	213.50		.43
Vacation	2,263.50		4.58
Sick Leave/Hlth. Mtc.	2,136.00		4.32
Holiday/Fltg. Holiday	1,832.00		3.70
Comp Time Off	829.75		1.68
Comp Time On/O.T.	550.00		1.11
Miscellaneous	436.00		.88
TOTAL MAN HOURS	49,471.00		100.00

STREET DIVISION

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS
ORGANIZATION CHART

(EXISTING)



REV. 8/23/76 JHB

A-226

WASTEWATER TREATMENT

The Wastewater Treatment Plant is located on Black Road approximately 2.5 miles west of Santa Maria. Its purpose is to treat all domestic and industrial sewage collected in the system. Treatment is secondary in nature by biofiltration with anaerobic sludge digestion. The plant produces an effluent suitable for irrigation of restricted use on pasture land and the digested sludge that had been separated from the water, is dried then used as a restricted type soil conditioner.

The plant is maintained and operated by one Superintendent, one Field Supervisor, one Laboratory Technician, and four Operators. Currently all plant personnel are certified in compliance with State Bill AB 1691. During the past year, two of the above operators earned their class I certificate and the Laboratory Technician upgraded his certificate to class II. The night operator retired in April and was replaced by a former trainee from the C.E.T.A. program.

Tours by students and other interested groups continue to be given on request. One hundred and sixty-eight students and other visitors toured the plant this year; these tours consisted of showing and explaining that solids are removed from the wastewater entering the plant and then biologically reduced to less offensive material. The remaining water leaving the plant is then held in a series of percolation ponds where much of it is ultimately used for irrigation of permanent pasture land restricted to non-dairy cattle use.

The following tests were performed in the Wastewater Treatment Plant's state certified laboratory:

50 Dissolved Oxygen
50 Biochemical Oxygen Demand
341 Settleable Solids
50 Suspended Solids
822 pH
49 Chloride Ion Concentration
43 Phosphate Ion Concentration
30 Sulfate Ion Concentration
39 Nitrate Ion Concentration
1030 Conductivity TDS
47 Sludge samples for % Solids
46 Volatile Acid and Alkalinity determinations

Since the City's laboratory is certified to run only certain specific tests, it was necessary to have the laboratory of Pomeroy, Johnston and Bailey perform the following seven tests: total dissolved solids, chloride ion, sodium ion, sulfate ion, boron and total nitrogen. These tests are currently required by the State Water Quality Control Board on a quarterly basis. Pomeroy laboratory also performs tests weekly for grease & oil and chemical oxygen demand; to reduce costs, the laboratory equipment and chemicals needed for these tests were ordered and will allow the City's treatment plant laboratory to run the tests. The boron, grease & oil and chemical oxygen demand tests are all new requirements adopted on February 6, 1976 by the State Regional Water Quality Control Board. The results of the above tests do aid in plant operation and in some cases, reflect plant efficiency. A monthly, semi-annual and annual report with pertinent data are sent to the State Regional Water Quality Control Board for their surveillance and dissemination.

Capital improvements completed this last fiscal year involved the purchase of an additional automatic sampler for use at the plant headworks or for on-site industrial waste sampling; larger pipes and valves to improve sludge draining to the drying beds; a new room was constructed to protect the electrical control panel from corrosive sulfides at the Dejoy lift

station and a contract has been awarded to install an additional pumping unit for the lift station which will be larger than the two existing units.

Maintenance on the aging treatment facility continued to be a full-time job. The vari-speed motors that were beyond repair on the incinerator stoker drive and the classifier, were replaced with gear reduction motors. The recently cleaned digester #2 was put back into service after the mixers, gas dome and gas safety equipment were reinstalled. Magnesium ammonium phosphate crystals were removed after they plugged the recirculation lines and pump on digester #1. The gas meter on digester #2 was also cleaned and repaired. The overhead supernatant and boiler lines were covered with aluminum to preserve the pipe insulation. The mixers on digester #1 were removed, repaired and reinstalled.

A major overhaul operation was begun on the sludge thickener and classifier - the cat walk grating will be replaced; the "I" beam, arm and tank were sandblasted in preparation for a vinyl paint; the bearings and races in the drive unit were replaced; the grit classifier will get new bearings and gears.

The steel guy rods on the secondary filter were replaced with stainless steel cable. The old trickling filter discharge line was replaced with PVC at the wet well. The water well pump went out and was replaced with a new one. The Dejoy lift station's rusted out sewer pipe from the toilet to the wet well was replaced with PVC. The lift station barminutor was also completely overhauled and repainted.

Six additional pumps and four motors were overhauled at various points in the plant. A new laboratory bench was installed in the badly cramped

office-lab-breakroom. A work bench and storage shelves were constructed for the badly cramped treatment plant shop. Two additional telephones were installed for safety purposes and communication improvement. Bubblers were placed along the driveway to water the trees.

Revenue collected for vacuum truck, septic tank dumpings at the treatment plant amounted to $7,533; the past years total cost for plant operation was $185,385.

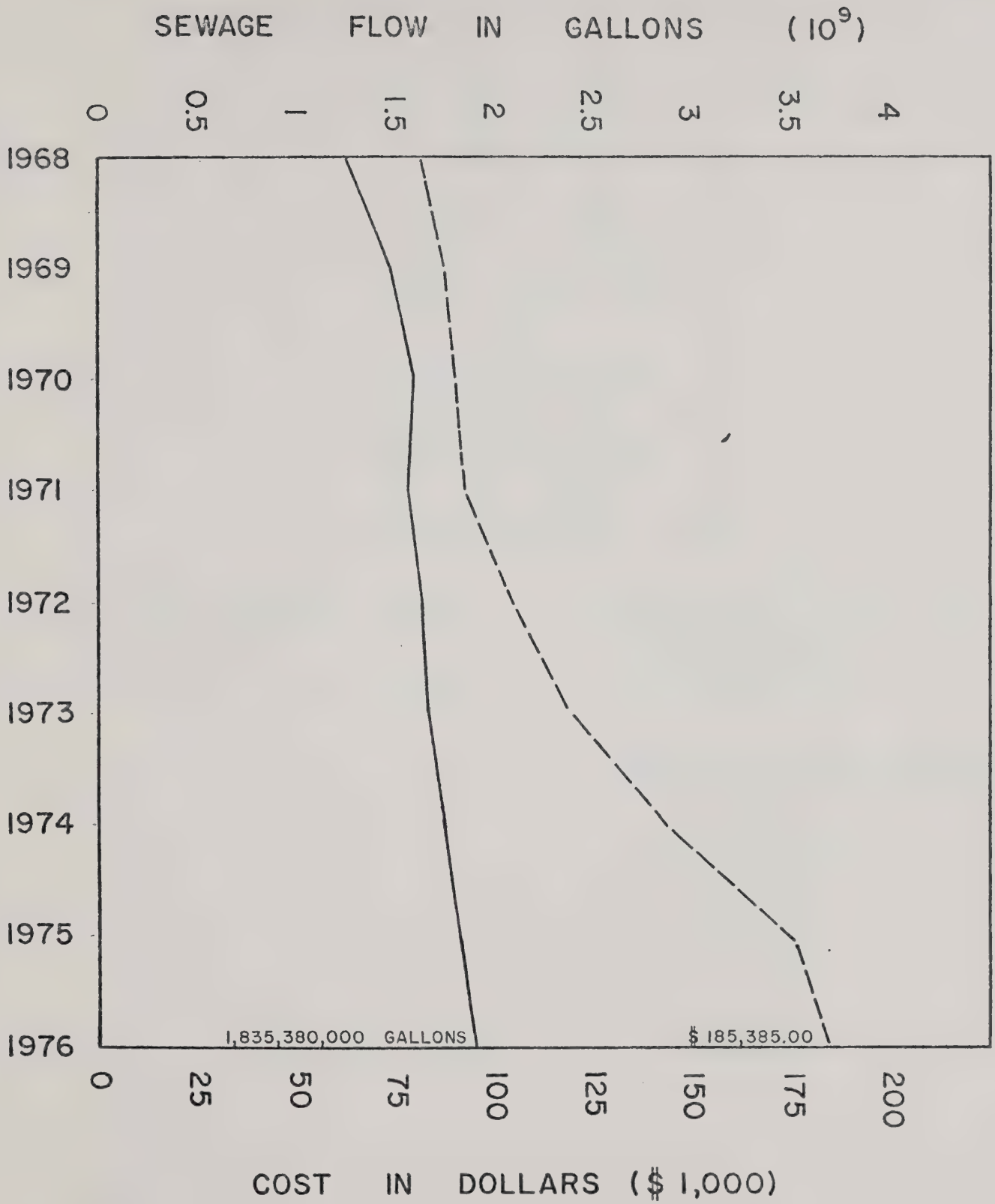
In 1975-76, 1,835,380,000 gallons of wastewater was treated at a maintenance and operation cost of $101.00 per million gallons. The following table & graph show the same facts over the past nine years.

TREATMENT QUANTITIES & COSTS

Fiscal	Gallons Sewage Flow	Cost Treatment Per Million Gals.	Cost
1967-68	1,308,450,000	$ 63.13	$ 82,600
1968-69	1,516,993,000	58.67	89,000
1969-70	1,600,346,000	55.61	89,000
1970-71	1,583,746,000	58.09	92,000
1971-72	1,636,760,000	64.43	105,450
1972-73	1,602,693,000	75.09	120,340
1973-74	1,762,962,000	80.45	147,701
1974-75	1,814,920,000	97.95	177,779
1975-76	*1,835,380,000	101.00**	185,385

*5,632 acre feet

**$32.91 per acre foot


SEWAGE FLOW IN GALLONS (10^9)
0
0.5
1
1.5
2
2.5
3
3.5
4
1968
1969
1970
1971
1972
1973
1974
1975
1976
1,835,380,000 GALLONS
$ 185,385.00
0
25
50
75
100
125
150
175
200
COST IN DOLLARS ($ 1,000)

REV. 9/9/76 MK

WASTE WATER TREATMENT DIVISION

CITY OF SANTA MARIA
DEPARTMENT OF PUBLIC WORKS

ORGANIZATION CHART

AUTHORIZED

DIRECTOR OF PUBLIC WORKS

ASST. DIRECTOR OF PUBLIC WORKS (OPERATIONS)

SUPERINTENDENT
BEN MIDDLETON

WASTE WATER TREATMENT PLANT LAB TECHNICIAN (1)
1. A. WALKER

FIELD SUPERVISOR (1)
1. R. JAKOBSON

WASTE WATER TREATMENT PLANT OPERATORS (4)
1. R. DICKERSON
2. E. YEAGER
3. H. POLITE
4. C. NIELSEN

WATER DIVISION

The Water Division has two prime functions - - WATER PRODUCTION and WATER DISTRIBUTION. In the PRODUCTION SECTION the major maintenance items for the past year consisted of repairs and rewinding of two 350 H.P. electric motors; painting of buildings and equipment at each well site; installation of air gaps in discharge of pump by-pass valves to meet the requirement of the State Health Department and the public health drinking water standards. Forty water samples per week were collected throughout the system by City forces and analyzed for bacteria by the County Health Department in compliance with the state health standards. Also as required by state health standards, tests were performed by the City Water Division on water samples for turbidity, color, odor and temperature. Repairs were made on approximately eight well chlorinators and maintenance was carried out on the telemetering and electronic components connected with the main control panel at headquarters and all remote stations. The water production capability is comprised of 9 water wells and are located within the Santa Maria Public Airport boundaries, with the exception of two close to the center of the City. The wells furnished an average 7.1 million gallons per day to satisfy the consumers demands. The reservoirs used in conjunction with the wells, have a total of 8.5 million gallons storage capacity. The combined well production and reservoir capacity must also supply the peak demands of 13.8 million gallons per day, for an annual total of 2.6 billion gallons.

The WATER DISTRIBUTION SECTION is responsible for transmitting water from

the well source to the people. This service is provided to over 9,933 accounts through a water line system which is approximately 145 miles long. This section also provides the meter reading function, water billing and collection service, installation of service lines, meter maintenance and maintains all water distribution facilities in their entirety. The income from all water sold this fiscal year was $1,093,090. Totals of various Water Division functions during the fiscal year 1975-76 are listed as follows:

	FUNCTION	NO. COMPLETED
1.	Water meter readings	58,611
2.	Water service turn on's	2,132
3.	Water service turn off's	2,159
4.	Collections (Delinquent bills)	512
5.	Water meter re-reads	2,399
6.	Miscellaneous service calls	159
7.	New service line and taps installed	319
8.	Water meters installed	942
9.	Water meters removed	703
10.	Water meters repaired in shop	611
11.	Water meters repaired in field	1,446
12.	Renovation of water meter locations	1,928
13.	Water meter vaults installed and replaced	237
14.	Water line leaks repaired	80
15.	Flushing dead end stations	265
16.	Flushing fire hydrants	238
17.	Fire hydrant repairs, painting and maintenance	1,824
18.	Main line gate valves operated	2,335

THE CROSS CONNECTION CONTROL PROGRAM is primarily a procedure to protect the public water supply from potential sources of contamination. This refers to any connection that could permit toxic or pathegenic material, or materials objectionable to taste or odor, to enter the public water system.

During the past year the following quantities of "backflow prevention" items of work were performed:

ITEM	NO. COMPLETED
Installed	90
Repaired	3

ITEM	NO. COMPLETED
Tested	142
Installation Inspection	87
Survey Inspection	1,030
Informational Services	1,250
Conferences	77
Correspondence Reports	1,190

Capital improvements completed or contract awarded in conjunction with other named projects for 1975-76 fiscal year, consisted of six major projects:

1. Installation of 10" A.C. water line in Donovan Road from property line of Carriage Square subdivision to Coast Rock plant.

2. Installation of 14" A.C. water line in Jones Street from College to Bradley.

3. Installation of 6" A.C. water line in Russell Street from Main to Cook Street.

4. Installation of 6" A.C. water line in Cook Street from Lincoln west to mid block 6" A.C. line crossing Cook Street at Superior - also adjust water facilities in the Cook Street reconstruction project from Broadway to Blosser Road.

5. Installation of 8" A.C. water line in alley east of Broadway south of Park Street.

6. Installation of 6" A.C. line in Mariposa and Las Flores from Speed to Miller. Miller Street project.

$114,980

The continuation of the present level of service to the public during the budget year of 1975-76 caused the purchase of equipment and replacements as follows:

1. Utility service body for general maintenance service truck.

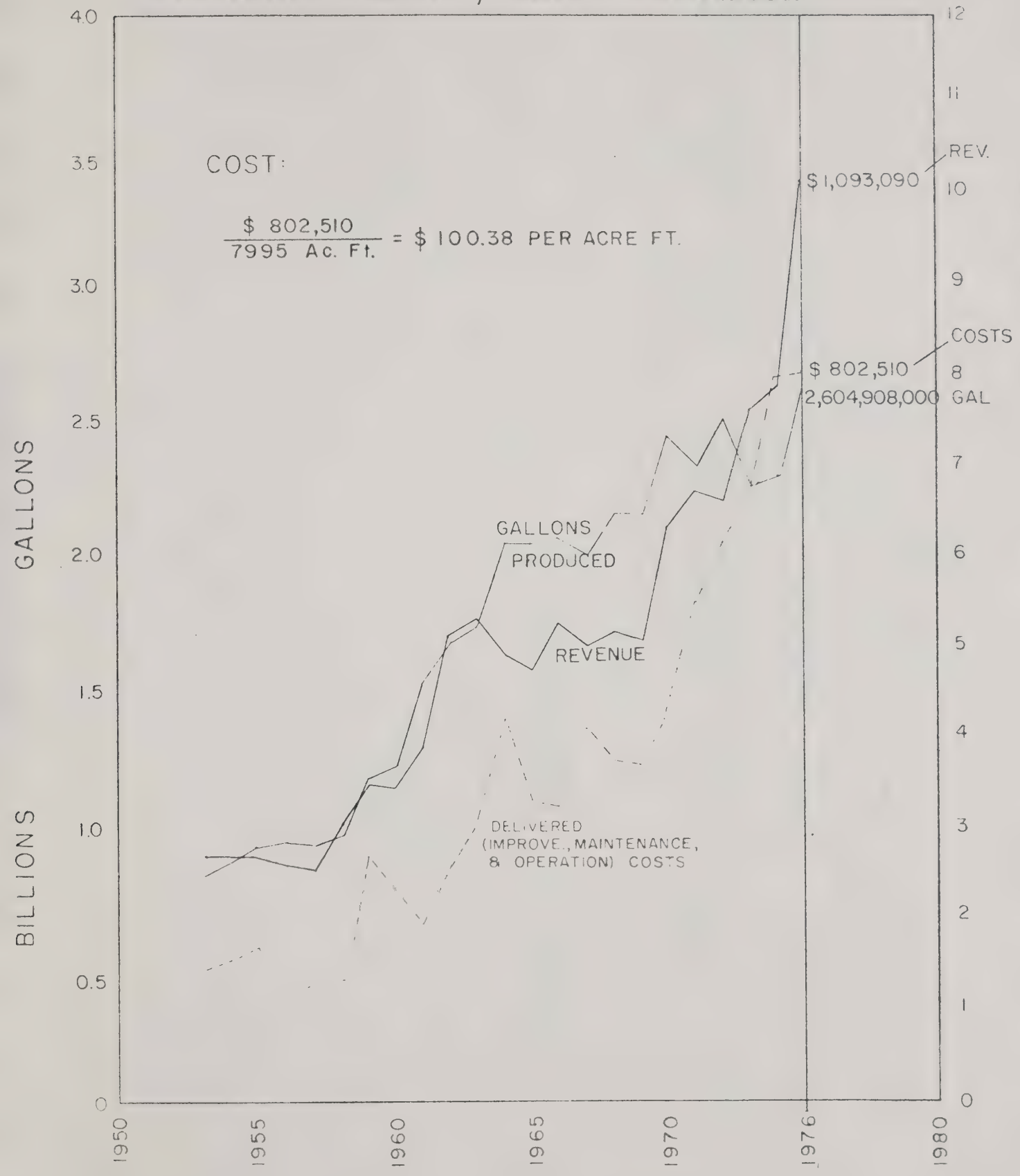
2. Purchase and delivery of new water meters - all sizes.

$ 28,390

TOTAL COST $143,370

ANNUAL~WATER PRODUCTION

DELIVERED COSTS, SALES REVENUE



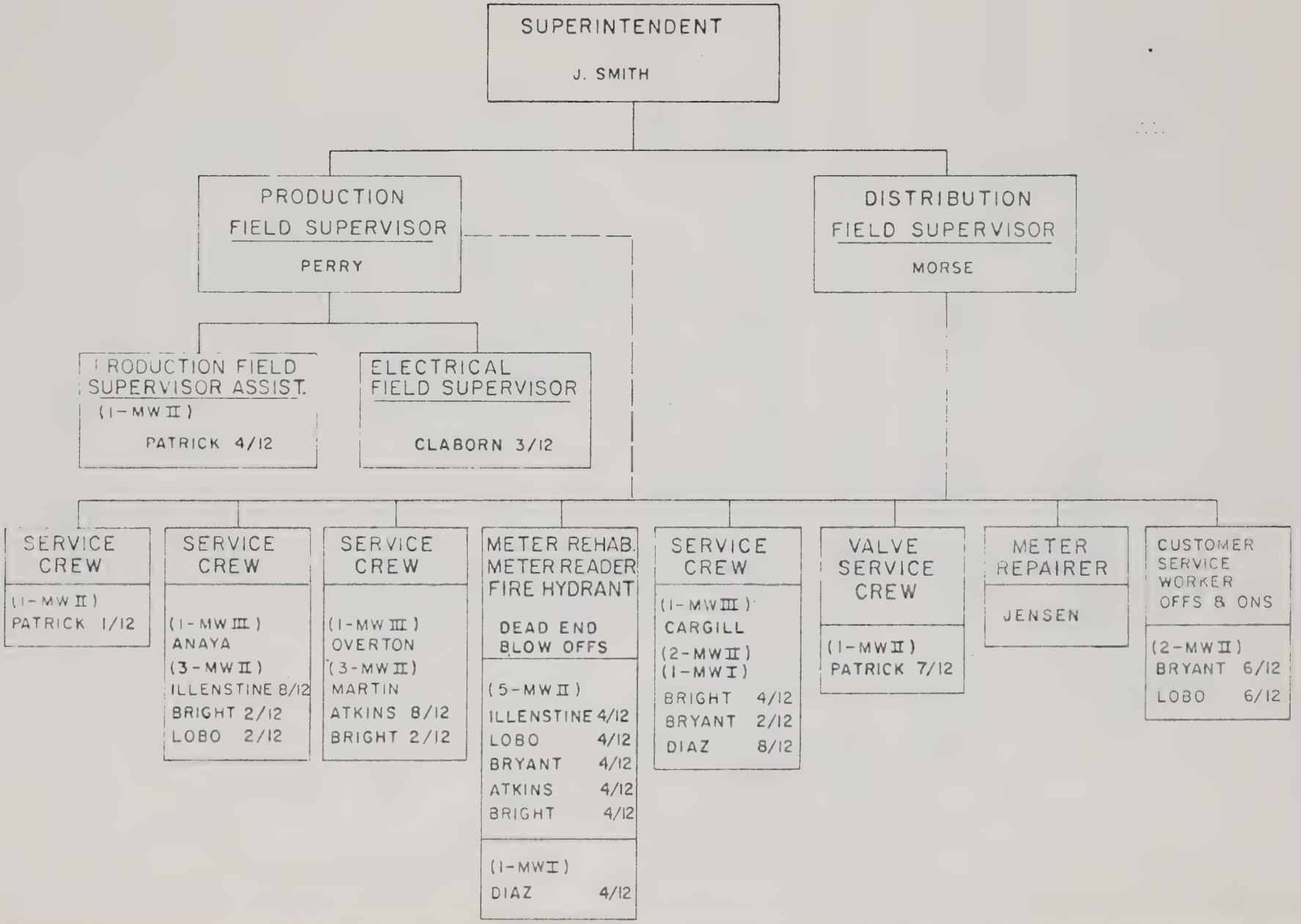
REV. 8-76

WATER DIVISION

PUBLIC WORKS DEPARTMENT

ORGANIZATION CHART

EXISTING



ENGINEERING, OPERATIONS & ADMINISTRATIVE STUDIES

Standard Specifications & Standard Drawings

The Standard Specifications and Drawings are available through this office and have been updated and revised through this year. These specifications and drawings indicate typical approved methods and materials for all types of public works construction.

Microfilm & Indexing System

On a continuing basis, all drawings, maps, specifications and photographs produced during the year are microfilmed, mounted on aperture cards and filed with all other documents and records.

TOPICS Plan and Study Report for Santa Maria Urban Area - Implementation

This report which used uniformity of traffic control and traffic safety measures as criteria was completed in November 1973. The study identifies locations of greatest traffic congestion and relative accident frequency and also recommends remedial projects in priority of importance.

Of the eight locations recommended in the improvement plan, following is the status of each:

Priority #	Location	Status
#1	Betteravia Rd. & Broadway (Signal & Road Improvements)	Completed
#2	Broadway & Donovan (Signal & Channelization Impr.)	Completed
#3	Main & College (Signal & Road Improvements)	Completed
#4	Blosser & Main (Signal & Road Improvements)	Completed
#5	So. Broadway & Stowell (Signal Improvements)	Completed
#6	Miller & Donovan (Signal Improvements)	Future
#7	Stowell & Bradley (Signal Improvements)	Future
#8	Broadway & Fesler (Signal Improvements)	Future

Five Year Capital Improvement Program

Along with each of the other City departments, the Public Works Department developed recommendations for capital improvements deemed desirable over the next five years. This information, after coordination with other departments and comparison with our financing capabilities by the Administrator's office, resulted in the capital improvements program section of the current year's budget.

Engineering Division Forms and Checklists

The engineering division has developed standardized forms to aid in the consideration and evaluation of subdivision maps and public improvement drawings. These standardized forms are evaluated and revised on a continuing basis throughout the year.

Report on Wastewater Treatment & Disposal Facilities

John Carollo Engineers completed this report and submitted the copies required in late 1975. This report was the necessary justification required in getting Regional Water Quality Control Board's and the State Water Resources Control Board's approval of a Clean Water Grant for the City in April, 1976.

The same firm has been retained to now complete the Step I Grant or Project Report which is anticipated to be completed in early 1977.

Central Plaza - Central City; Redevelopment Agency Projects

Construction of the 3-level parking structure was essentially completed by the end of this fiscal year. A maintenance contract which is administered by the Public Works Department has been awarded for the parking structure, parking areas, and landscape and plaza areas of Central City.

Work was begun and the first phase completed of the Phase "B" & "C" site improvement contract. The first phase involved the plazas at Bank of America and Gottschalks.

Central Plaza Park improvements were started and substantially completed this year. Maintenance will be by City forces.

Site work remaining is on the south and east sides of the parking structure and the parking lot adjacent to Broadway between Cypress and Church. It is anticipated all construction work, except for office buildings on the perimeter of the parking structure, should be completed within the 9 block, Central City project next fiscal year.

Santa Maria Valley Water Resources Study

An extensive report on the water resources of the Santa Maria Valley was completed by the [illegible] Corporation, Inc. during this year. The City being the lead agency participated with the Santa Barbara County Water Agency, Santa Maria Water Conservation District, California Cities Water Company, and Lake Marie Water Company in financing this project. It is expected that this report will be referred to frequently in present and future reports in the area dealing with water resources.

Solid Waste Management Plan

As mandated by the State of California Solid Waste Management and Resource

Recovery Act of 1972 (Senate Bill 5), and under the direction of the State Solid Waste Management Board, each county in cooperation with their cities was required to complete a solid waste management plan by January 1, 1976. As a result many hours of City staff time for this City's input, the Santa Barbara County Plan was completed and approved by a majority of the cities in the county and submitted to the state in early 1976.

It is expected that this document will be a working tool in guiding the local and county near term and long term future plans in solid waste management.

Financial Information

FUNCTION	Utility Billing and Collection & Overhead	Maintenance and Operations	F.Y. Capital Outlay	EXPENDITURES Bond Service	FUND SOURCE (S)	
ADMINISTRATION		91,740	590		General Water Refuse - Coll. Refuse - Disp. Sewer	69,860 8,950 7,910 1,830 3,780
BUILDINGS		72,650	35,300		General Water Refuse - Coll. Refuse - Disp. Sewer	82,050 10,320 9,110 2,110 4,360
ENGINEERING		211,510			General Water Refuse - Coll. Refuse - Disp. Sewer Gas Tax	153,120 20,870 18,440 4,270 8,810 6,000
STREETS		654,510	161,970		General Gas Tax	673,360 143,120
SEWER	12,790	43,510	78,630	109,440	Sewer	244,370
WW TREAT. PLANT	53,690	169,700	15,680		Sewer	239,070
SANITATION COLL.	124,490	475,710	19,470		Refuse - Coll.	619,670
SANITATION DISP.	26,650	109,950	2,080	47,100	Refuse - Disp.	185,780
DRAINAGE		6,680			General	6,680
WATER	189,880	485,050	127,580	131,610	Water	934,120
MECHANICAL SHOP		375,160	277,400		Equipment	652,560
PARKING DISTRICT		4,580	14,820	16,990	District	36,390
STOWELL CENTER		7,890	2,790		Maint. District	10,680
PARKING AUTHORITY		10,320	3,360			13,680

NOTE: The above information should not be used as final audit figures, but are reasonably accurate for the purposes of this summary.

PERSONNEL NOTES

1. The total permanent employees working in the Public Works Department during fiscal year July 1975 to June 1976 amounted to 92, which included all the divisions.

2. During the fiscal year the City was still participating in the Federally funded program, Comprehensive Employment & Training Act, (C.E.T.A.). There were 14 individuals employed in this program at the beginning of this fiscal year; however, as of June 30, 1976, 8 individuals in the Ceta Program had become regular City employees by filling vacancies which had occurred.

   2 - Street Division

   3 - Sanitation Division (1 was a transfer from Parks)

   1 - Engineering Division

   1 - Wastewater Division

   1 - Water Division

   Also 1 other individual in the Ceta Program had terminated as he found permanent employment with another agency.

3. The number of positions vacated and employees hired into the Department as replacement for employees that either retired, were promoted, left City for other reasons or transferred to another Department, passed away, consisted of the following:

1 - Maintenance Worker III	Harold Thompson - Retired 3/1/76
1 - W.T.P. Operator	Mathew Gregorich - Retired 5/1/76
1 - Field Supervisor	Eugene Solano - Retired 12/31/75
2 - Maintenance Worker II	Elpidio Cepeda - Left City 3/31/76 Frank Hernandez - Passed Away 4/15/76

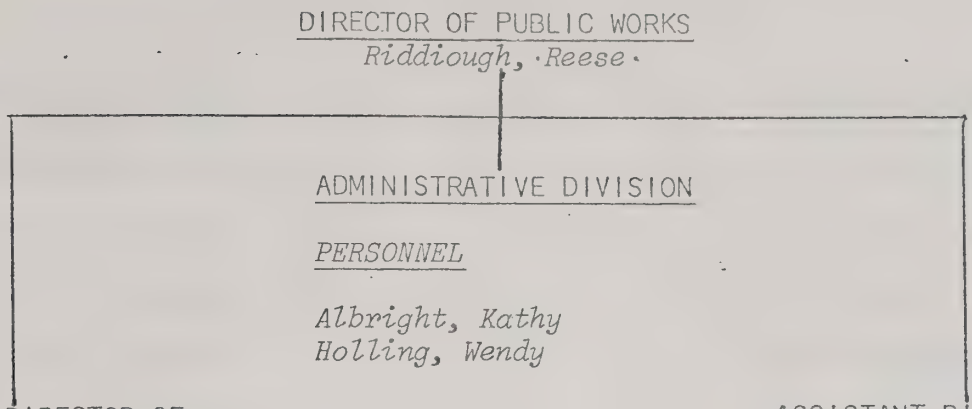
   The preceding constitutes a turn over rate of 5.4% for all employees, regardless of reason. However, employees leaving the City for other employment or personal reasons only amounted to 1.1%.

4. Summer programs were provided and training was carried out for a total of sixteen (16) Work Aides of primarily high school age young adults, in the following areas:

1	Administration
1	Buildings Division
1	Engineering Division
2	Mechanical Maintenance
2	Sanitation
3	Street Division
4	Water Division
2	Wastewater Division
16	TOTAL

5. Ten (10) employees worked in the Public Works Department under the Neighborhood Youth Corps Program, which is financially supported by State funds to provide work experience and financial aid.

EMPLOYEE ROSTER



WATER DIVISION

Superintendent

Smith, Jesse

Supervisor

Morse, Carmel (Dist.)
Perry, Jim (Prod.)

Personnel

Anaya, Manuel
Atkins, Rodney
Bright, George
Bryant, Wayne
Cargill, Jim
Diaz, Eddie
Ilenstine, Robert
Jensen, Thomas
**Kimball, Brett*
Lobo, Ronald
Martin, Ernest
Overton, James
Patrick, Don

MECHANICAL DIVISION

Superintendent

Rios, Harold Sr.

Supervisor

Merino, George

Personnel

Azcarate, Larry
Bawden, Frederick
**Bracamonte, Daniel*
Corral, Charlie
DeBoi, Howard
**Montgomery, Mike*
Sturgeon, Leslie
Walters, Delbert
West, Millard
Williams, Larry
Wolf, Marcelino

* *CETA Employee*

STREETS & SEWERS DIVISION

Superintendent

Williams, Bill

Supervisor

Claborn, Dale (Elect.)
Galvan, Tony (Streets)

Personnel

Alvarez, Tony
Arellanes, Raymond
**Austin, Jerry*
Bogue, Manning
Borges, Louie
Britton, Bill
Cargill, John
Johnson, Robert
Moshier, Don
Nartatez, John
Olivera, Theodore
Roberson, Chester
**Smith, Ronald*
Sword, Brian
Torres, Jesse
Ujano, Robert
Velasquez, Dario
Walker, William
**Wood, Charles*

SANITATION DIVISION

Superintendent

Martins, Bill

Supervisor

Solano, Eugene

Personnel

Anaya, Ernest
Brown, Billy
Caballero, Richard
Castro, Pedro
Cepeda, Elpidio
Christmas, Glenn
Coppess, Charles
Dutra, Gordon
Garcia, Gilbert
Hermandez, Frank
Hernandez, Rudy
Kerr, Tommy
Koch, Elmer
Lemos, Jesse
Lopez, Silvestre
Michel, Raul
Miranda, Pete
Montes, Albert
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